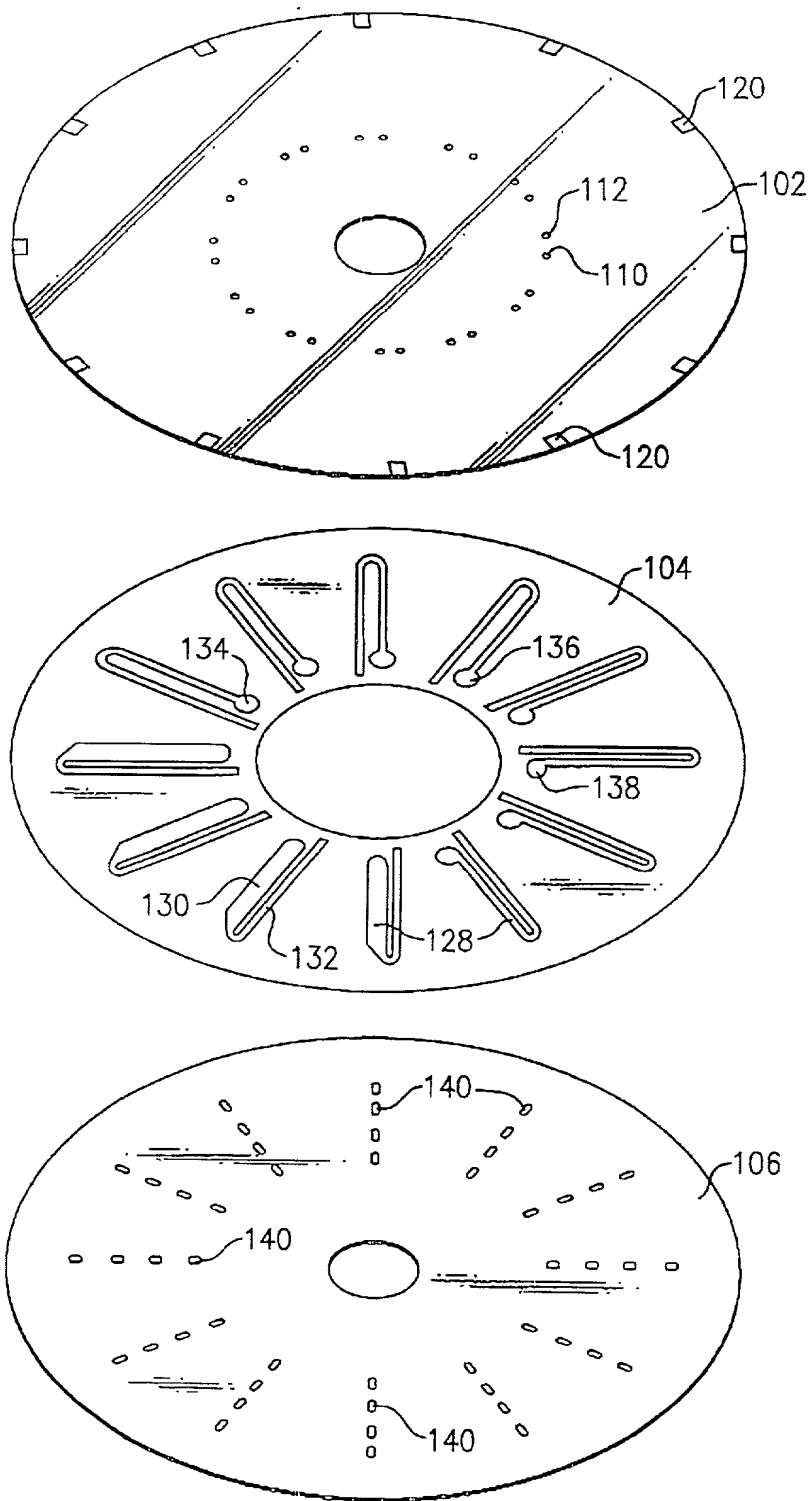


FIG. 1

FIG.2A



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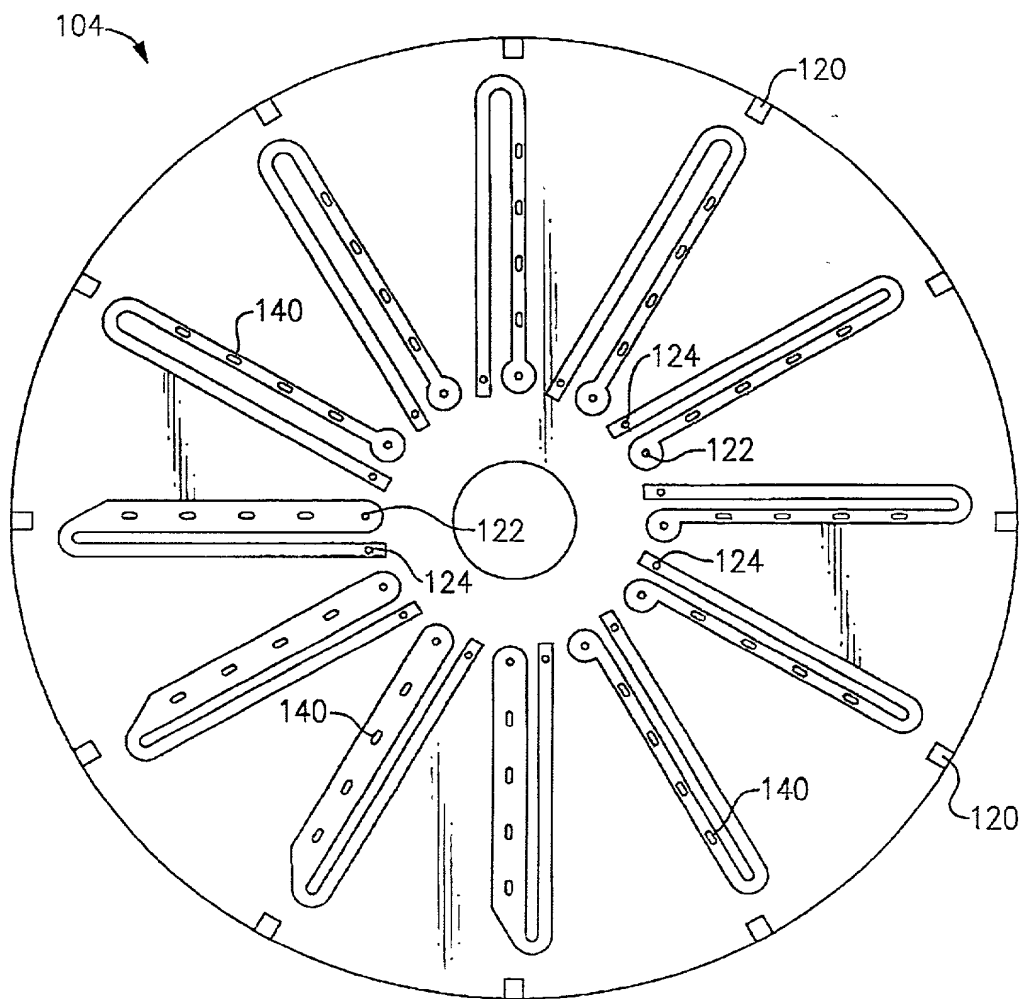


FIG. 2B

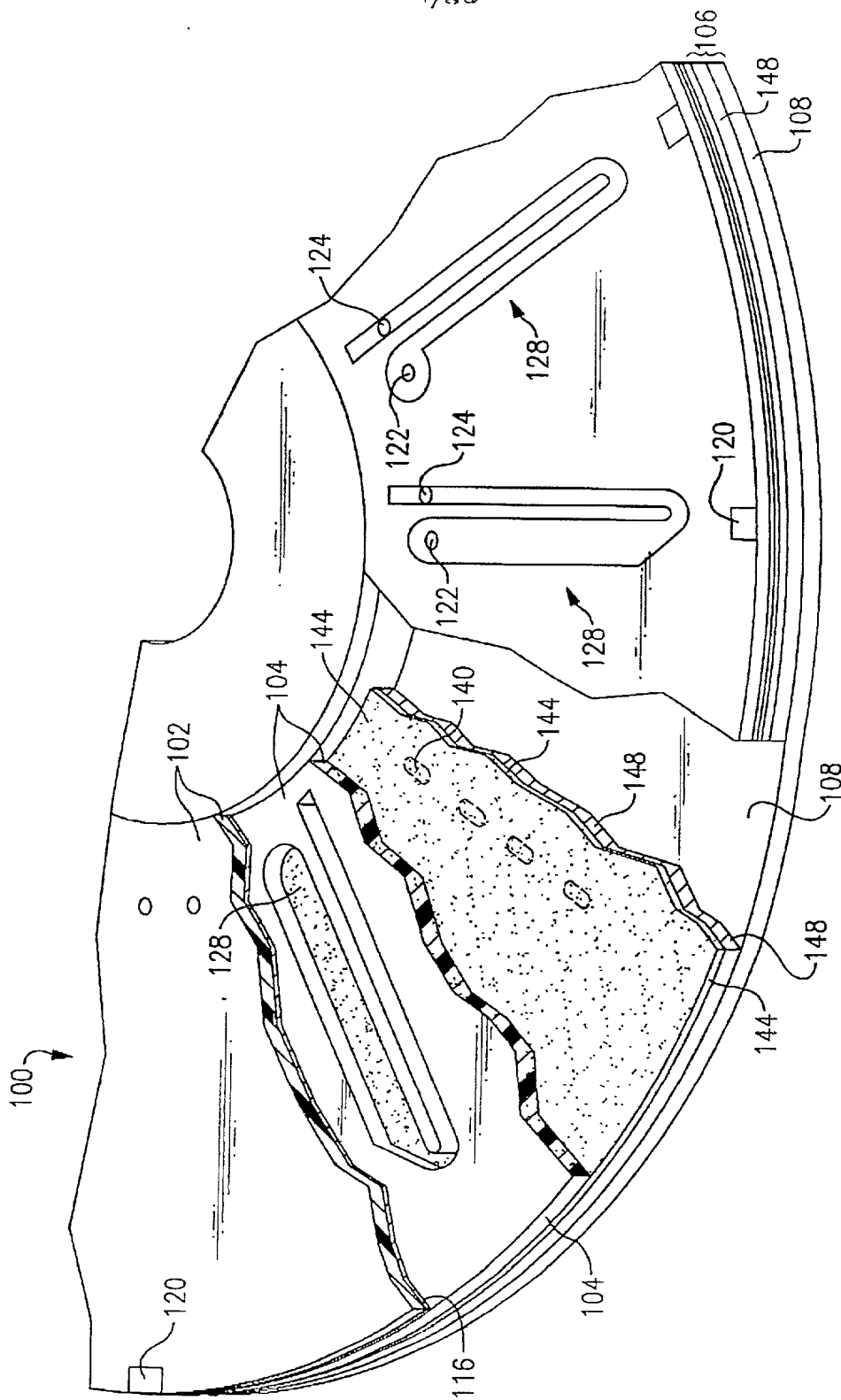
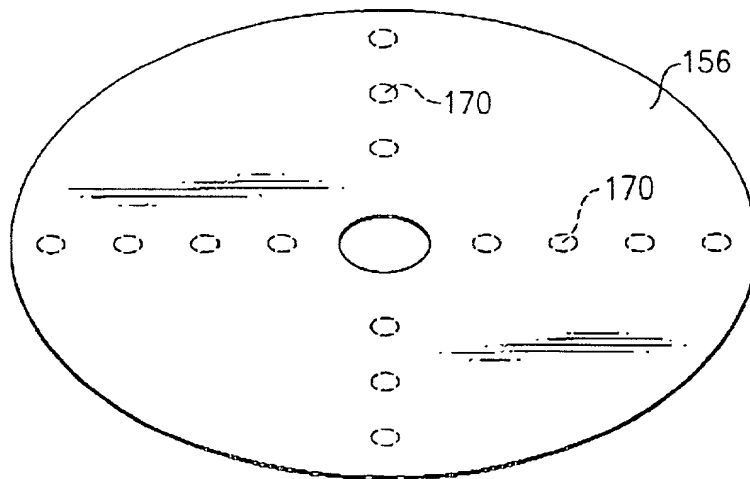
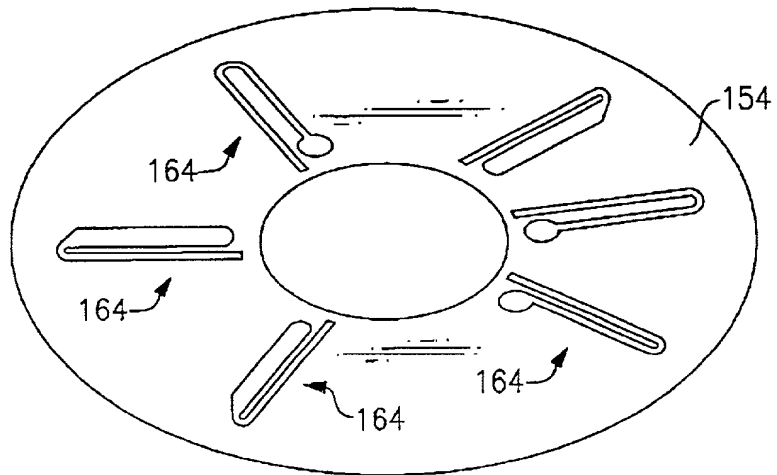
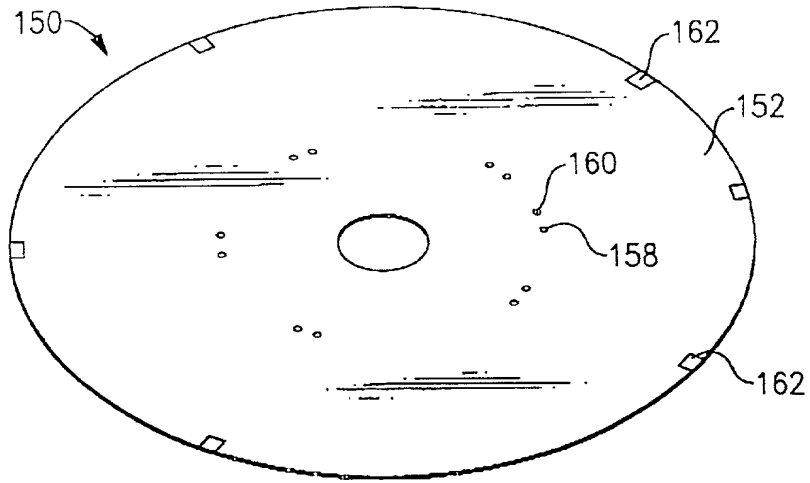


FIG. 2C

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FIG. 3A



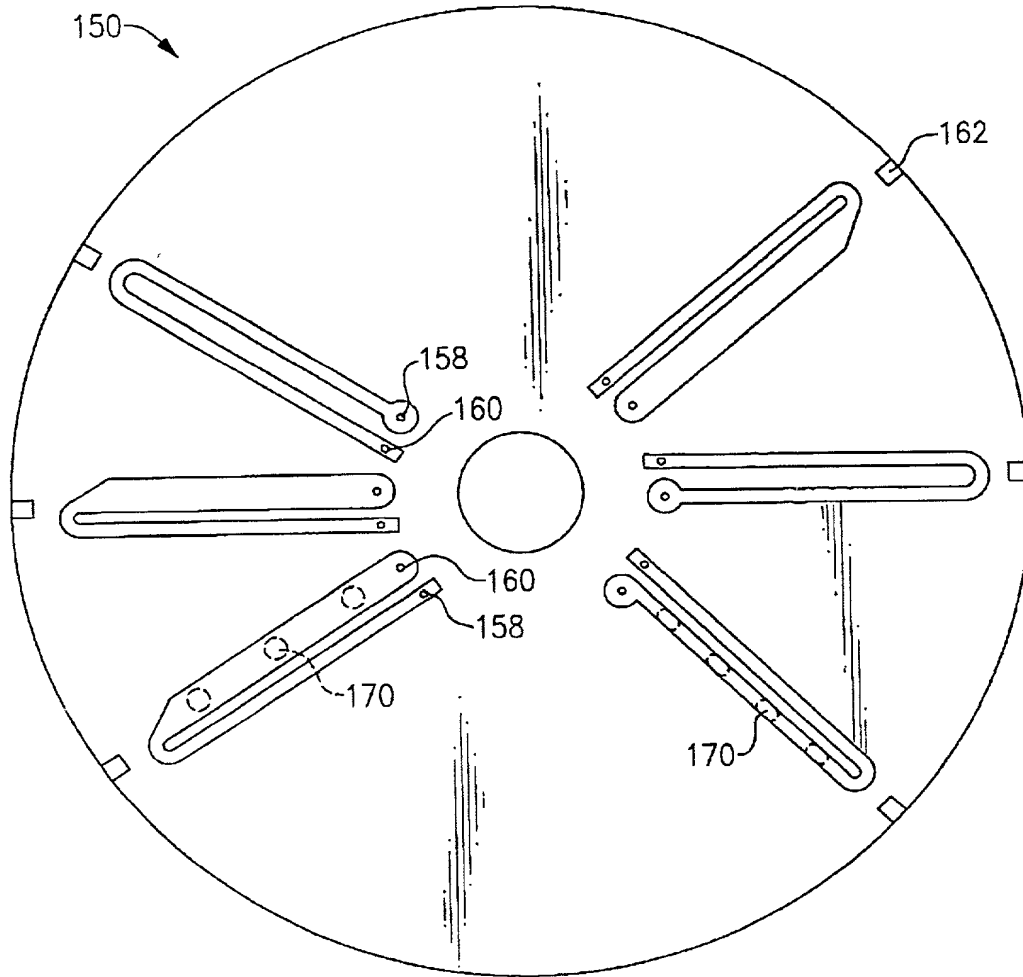


FIG.3B

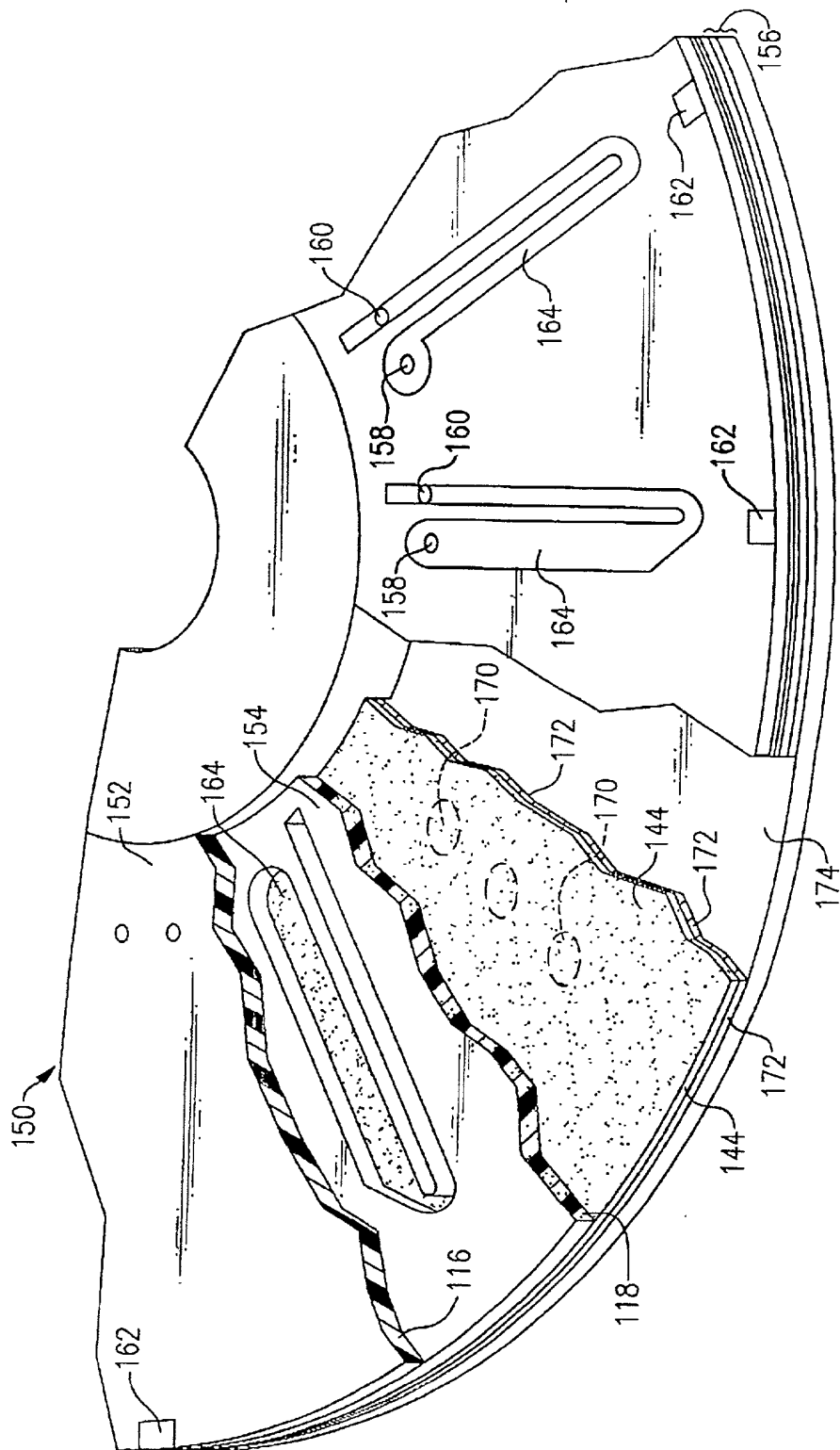


FIG. 3C

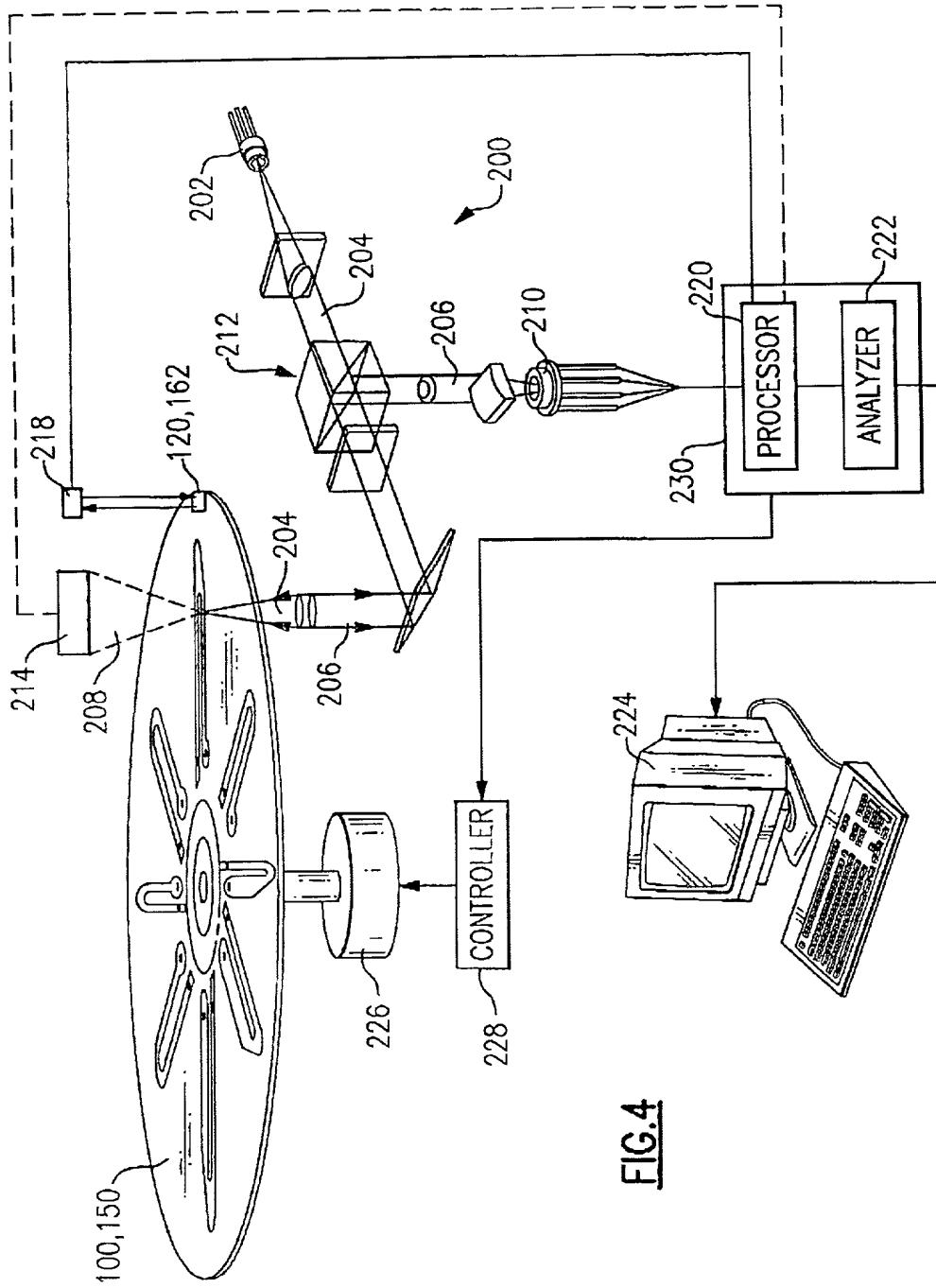


FIG. 4

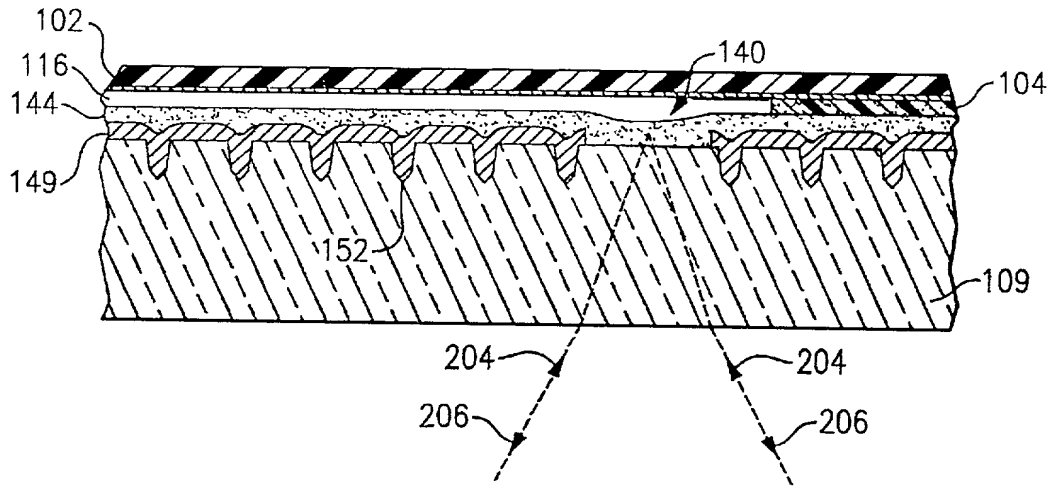


FIG.5

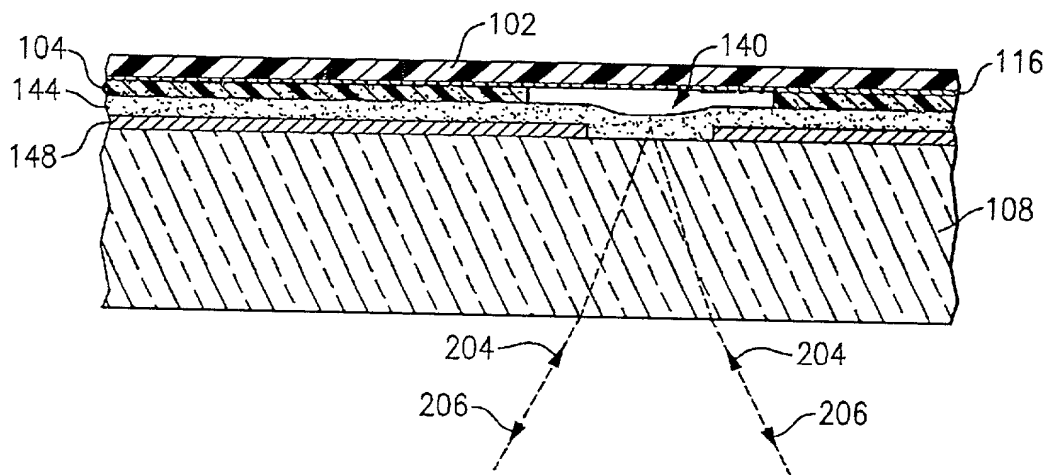


FIG.6

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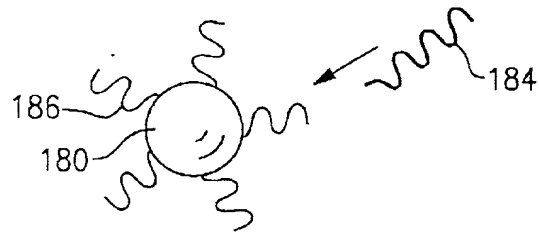


FIG. 7



FIG. 8

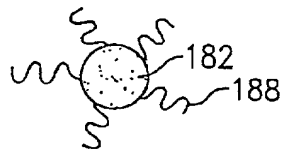


FIG. 9

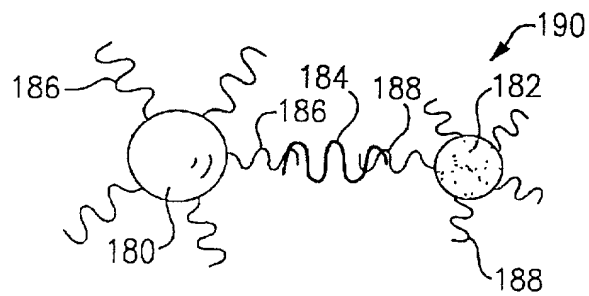


FIG. 10

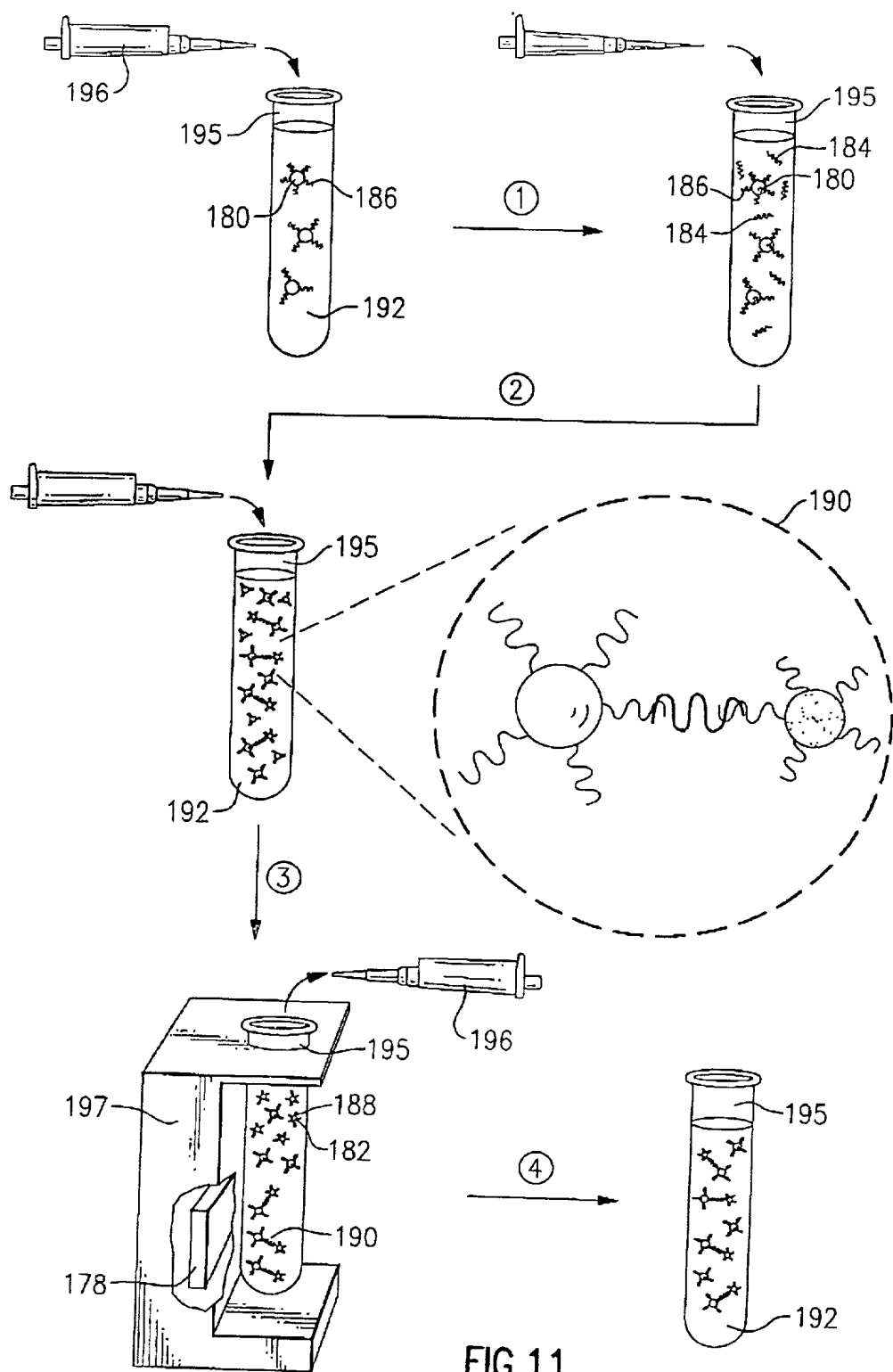


FIG. 11

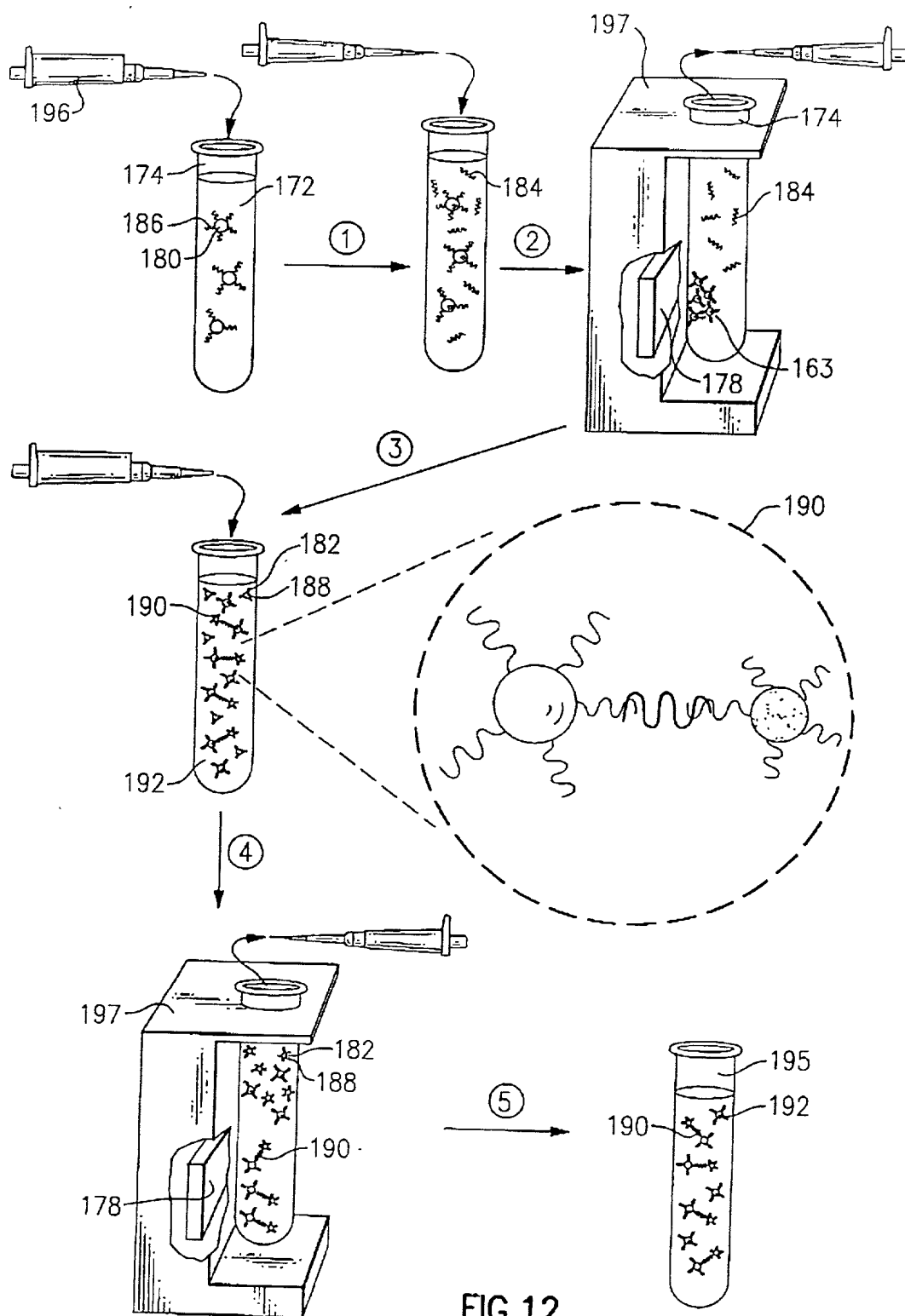


FIG.12

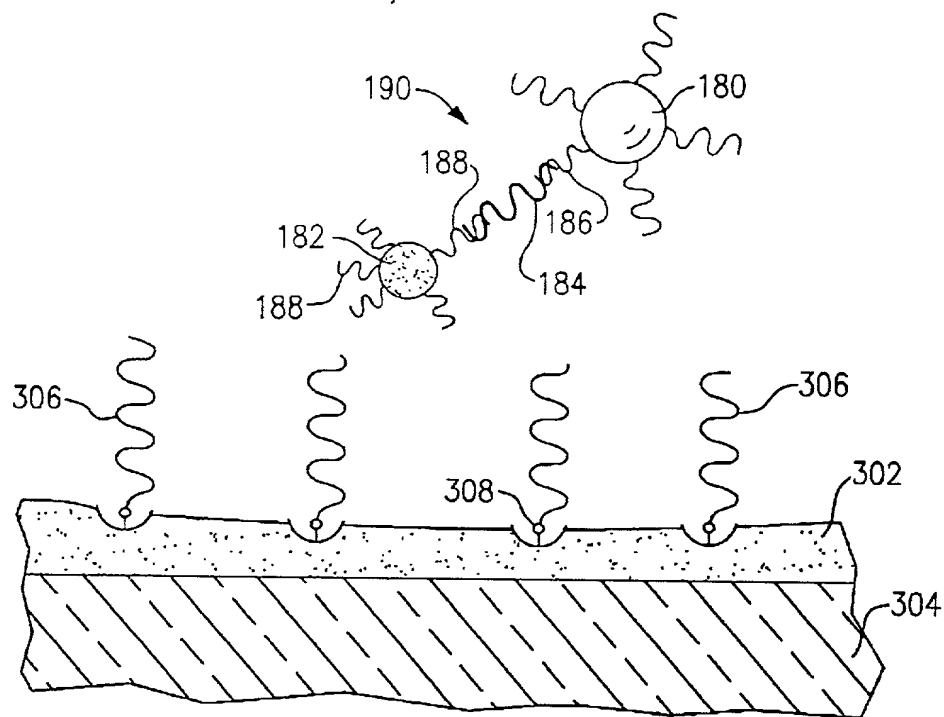


FIG. 13A

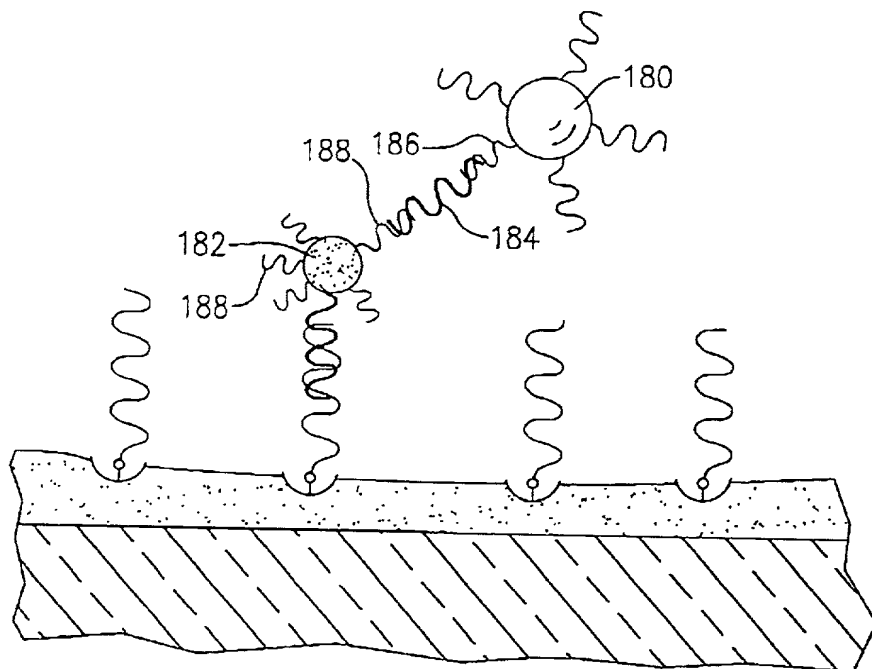


FIG. 13B

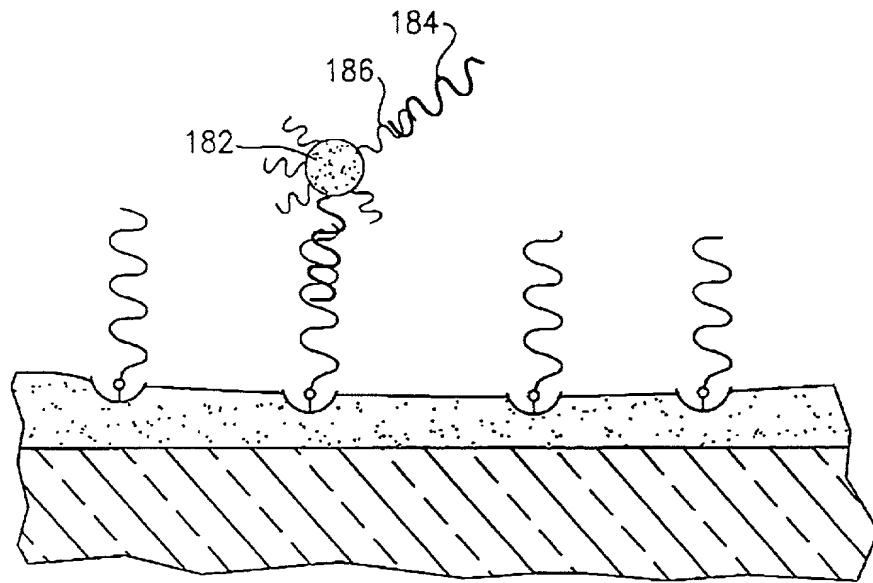


FIG. 13C

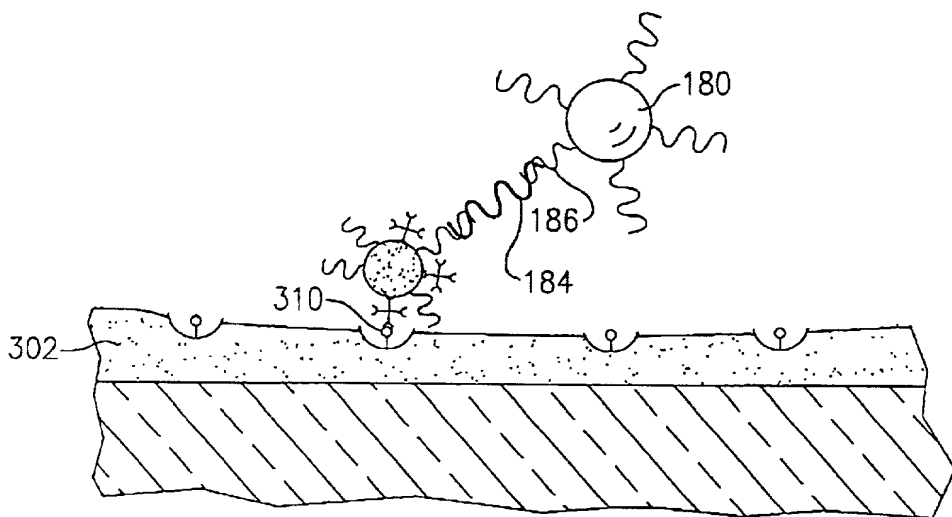


FIG. 13D

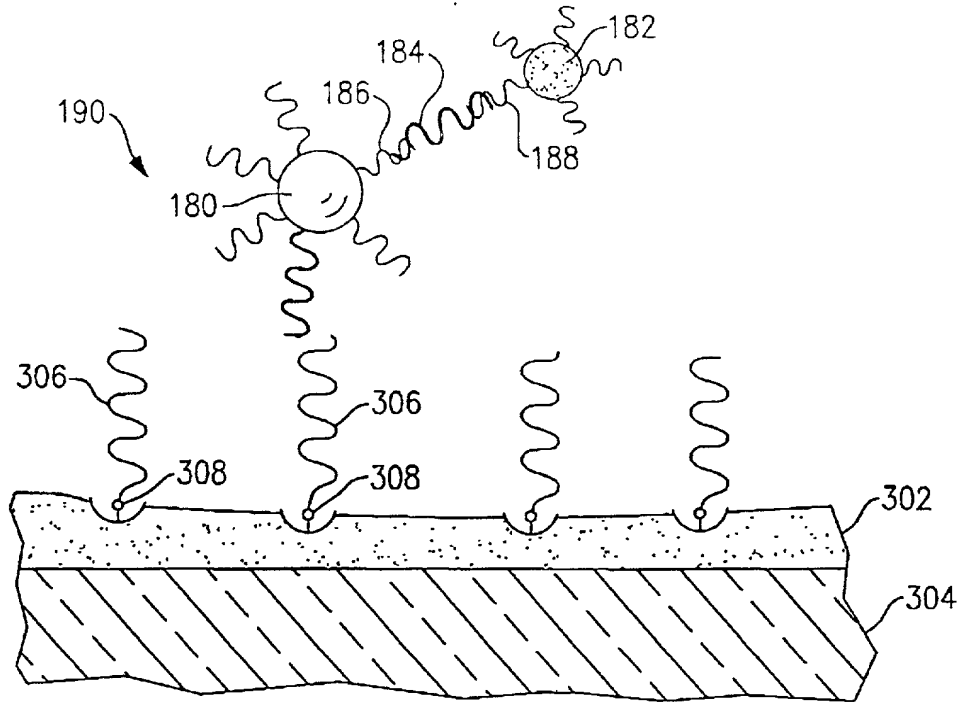


FIG. 14A

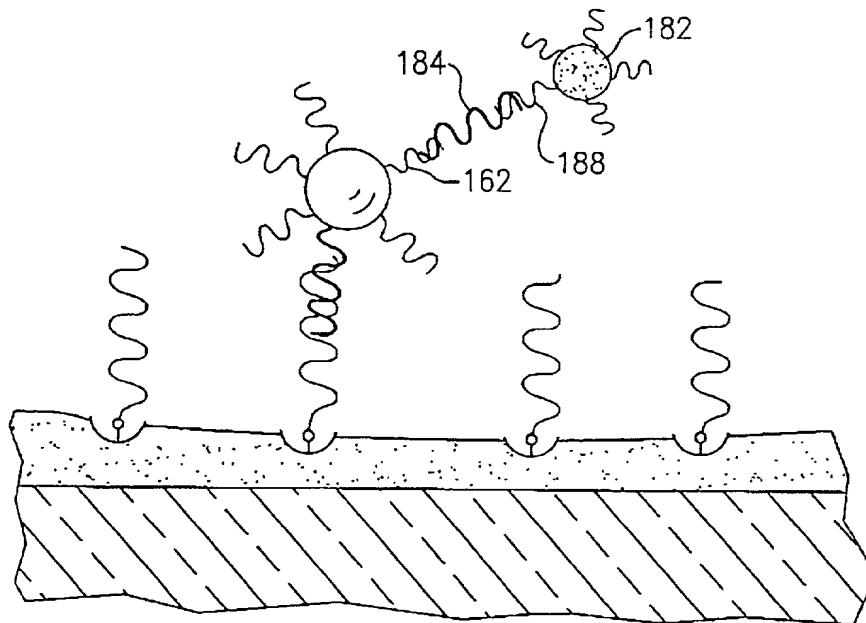


FIG. 14B

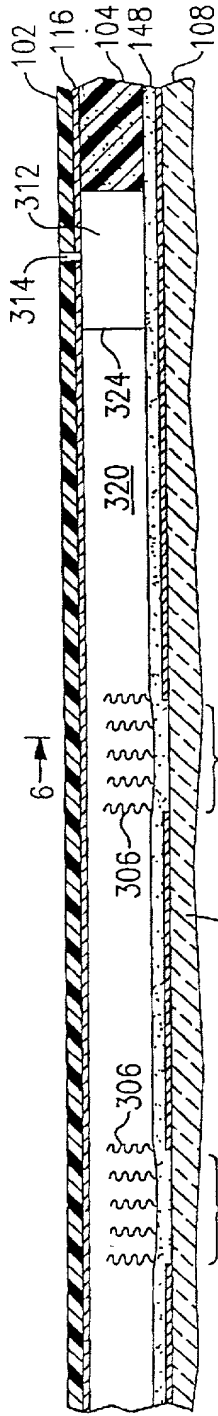


FIG. 15A

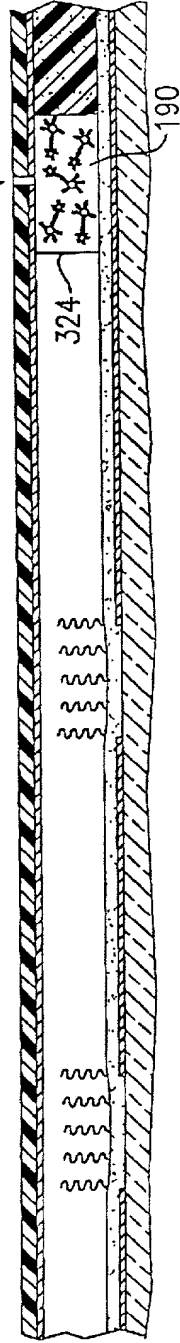
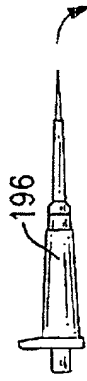


FIG. 15B

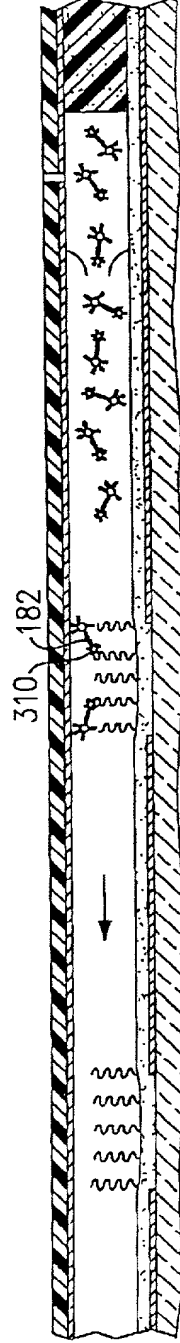


FIG. 15C

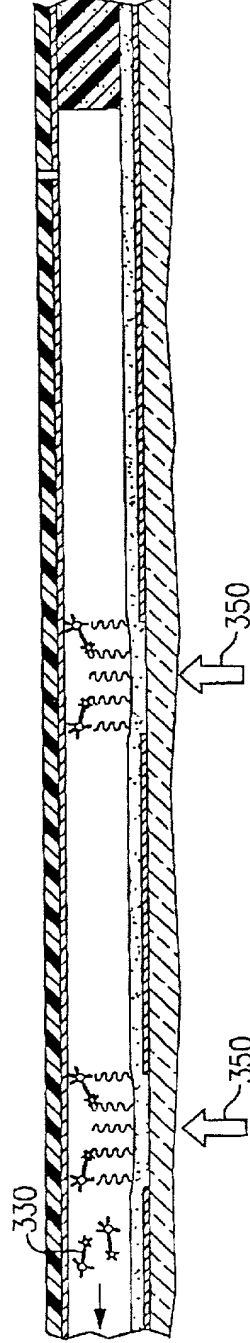


FIG. 15D



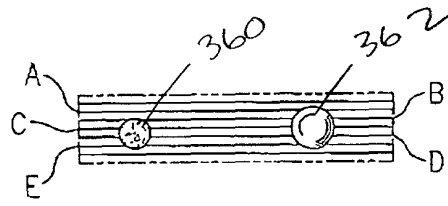


FIG.16A

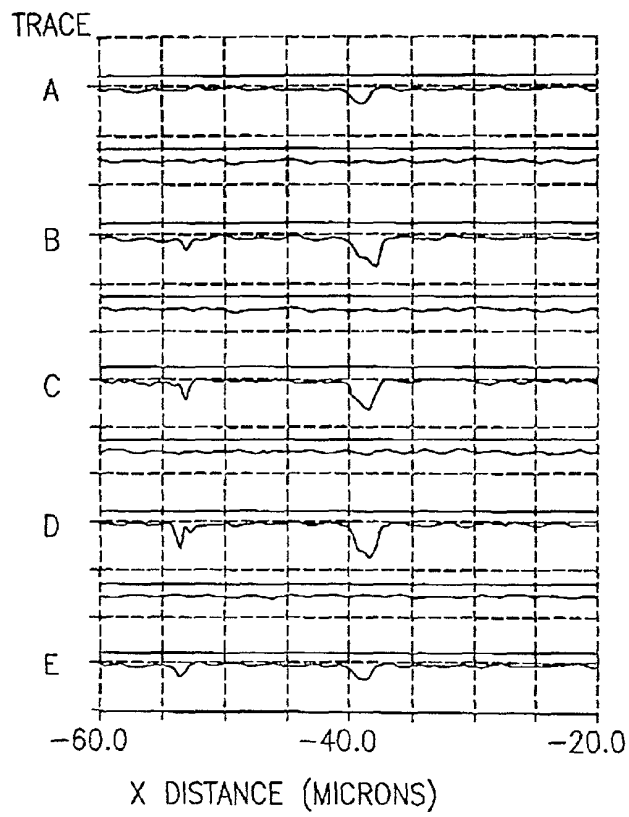


FIG.16B

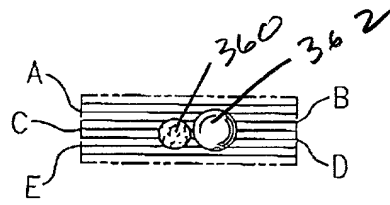


FIG.17A

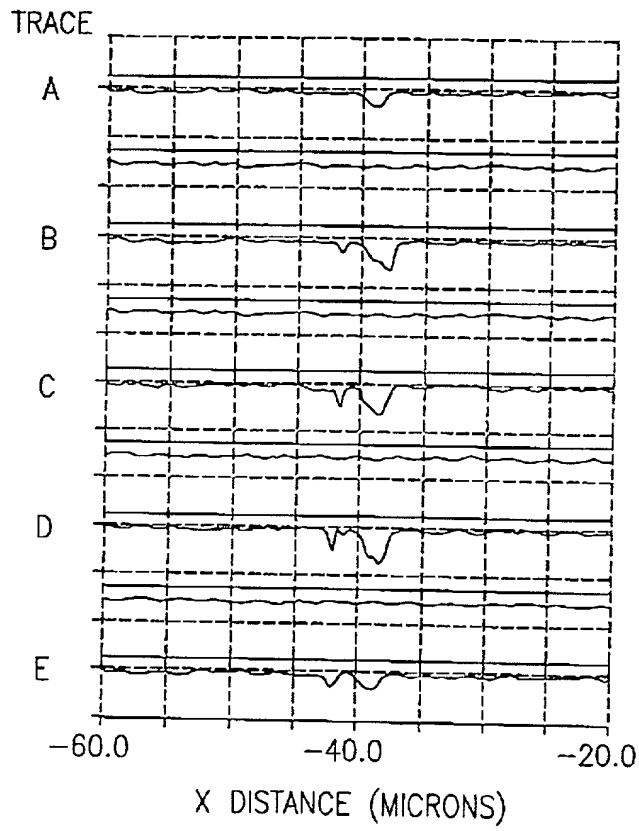


FIG.17B

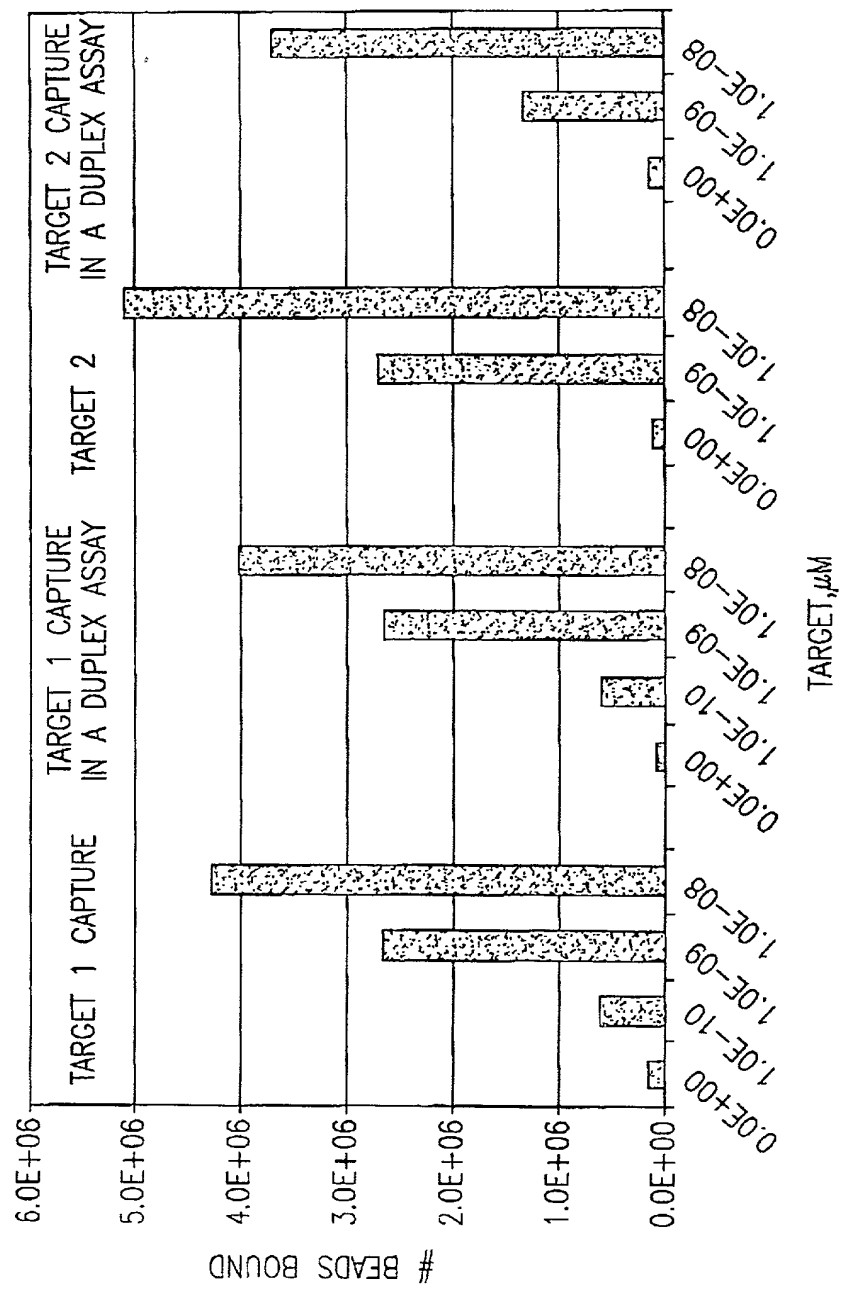
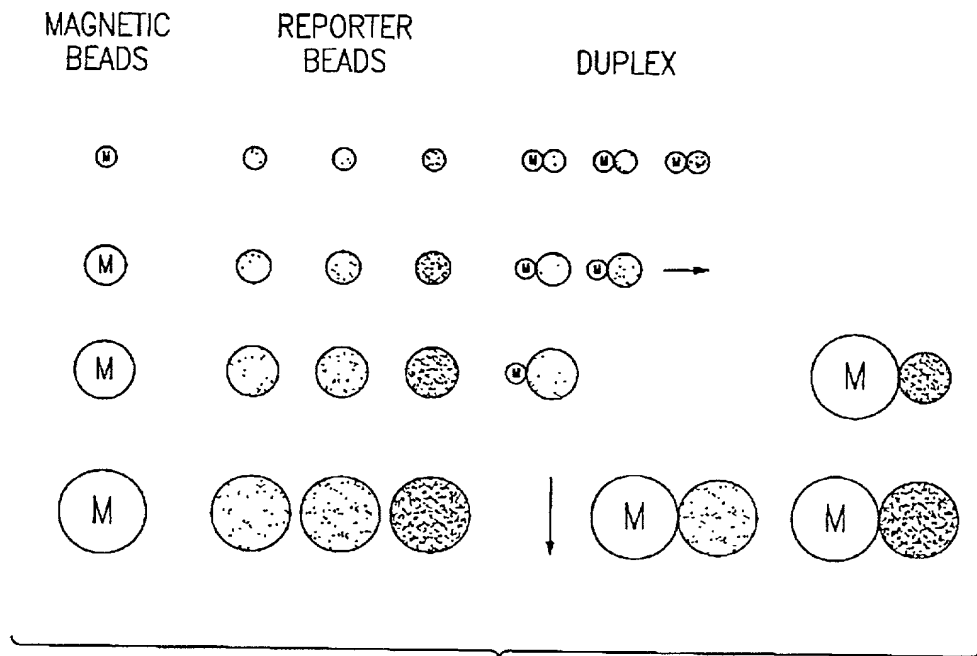


FIG.18

DUAL BEAD ASSAY MULTIPLEXING

FIG.19

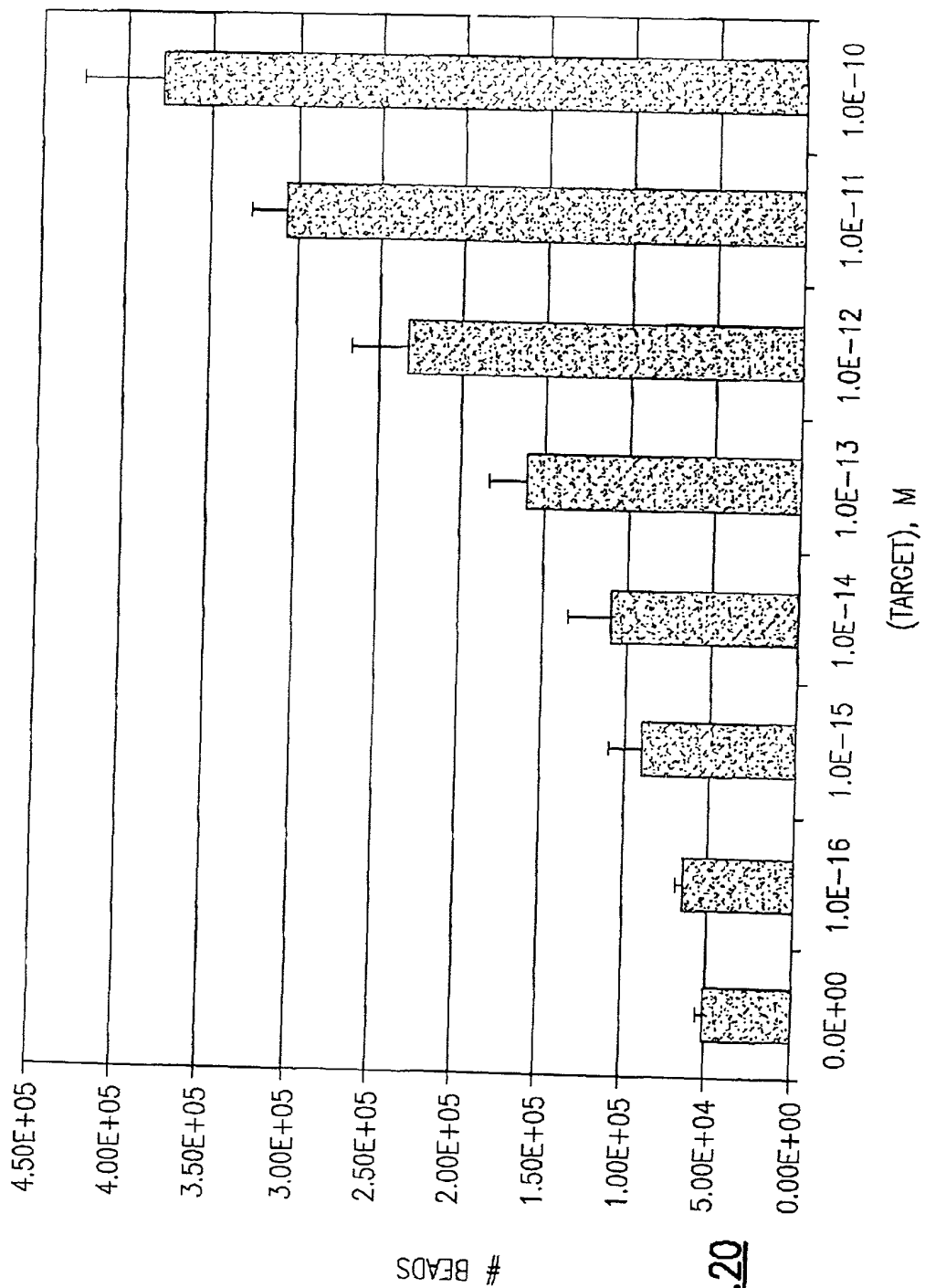


FIG.20

Figure 20 is a bar chart showing the number of beads versus target concentration (M). The y-axis is labeled '# BEADS' and ranges from 0.00E+00 to 4.50E+05. The x-axis is labeled '(TARGET), M' and ranges from 0.0E+00 to 1.0E-10. The chart shows a decreasing trend in the number of beads as the target concentration increases.

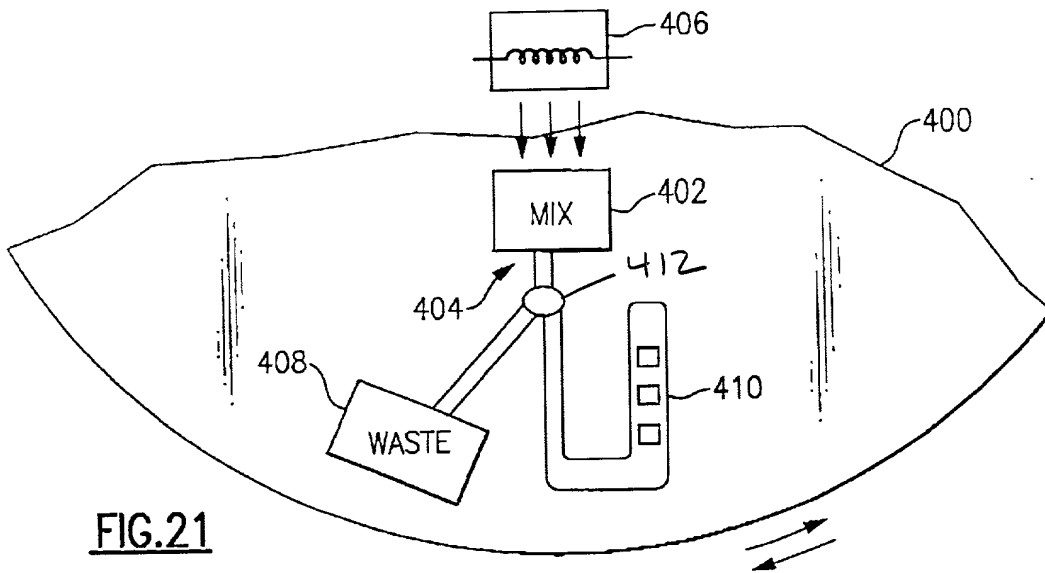


FIG. 21

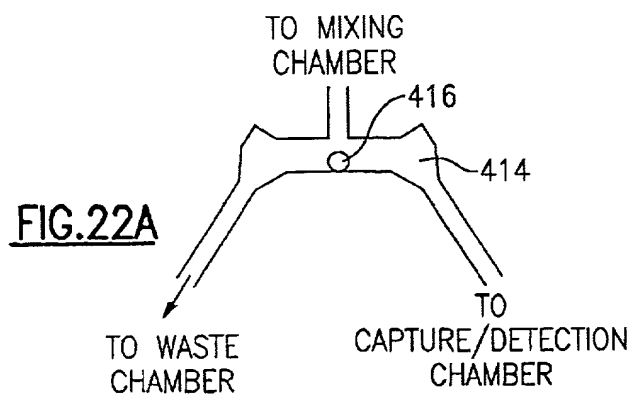


FIG. 22A

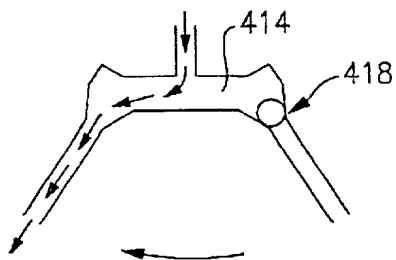


FIG. 22B

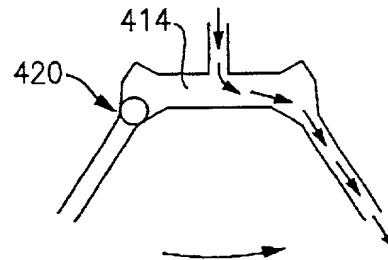
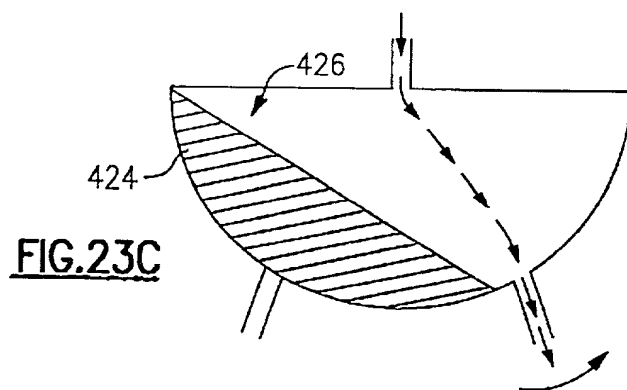
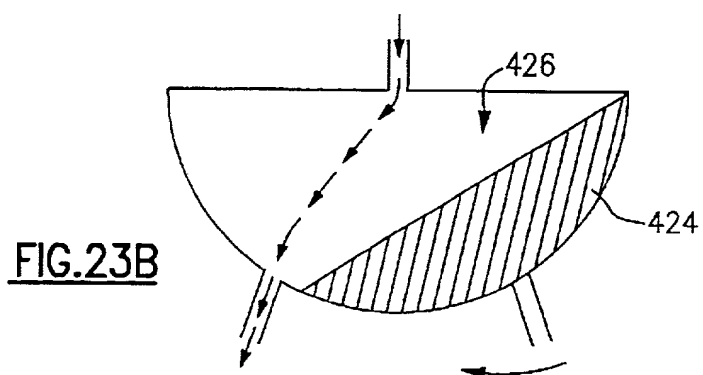
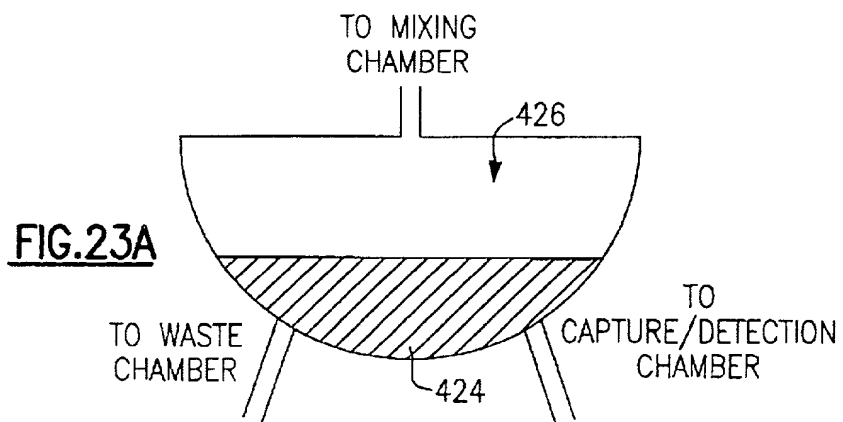


FIG. 22C



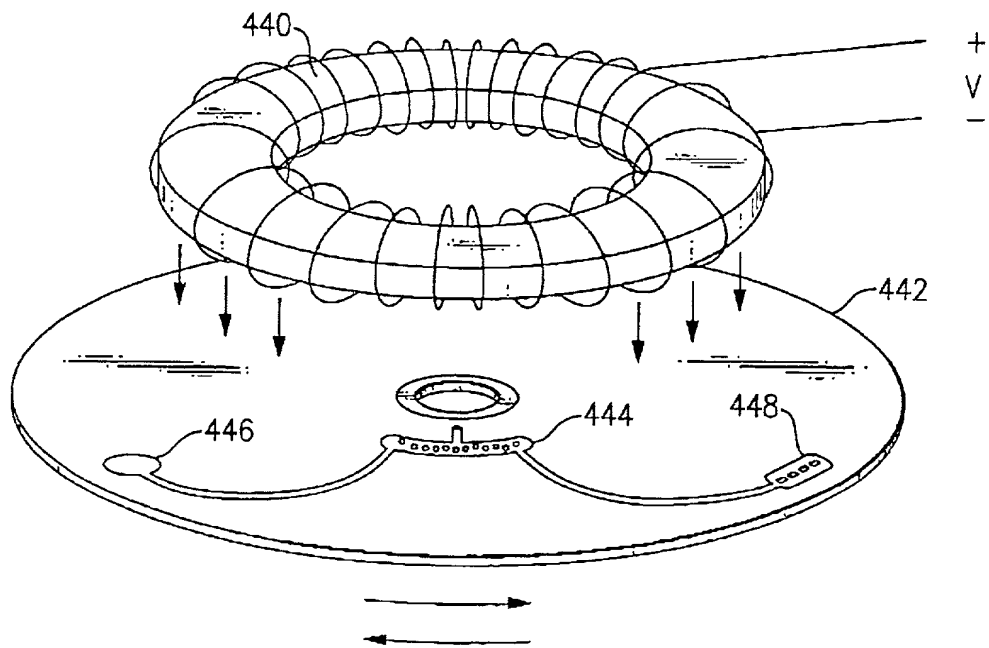


FIG.24

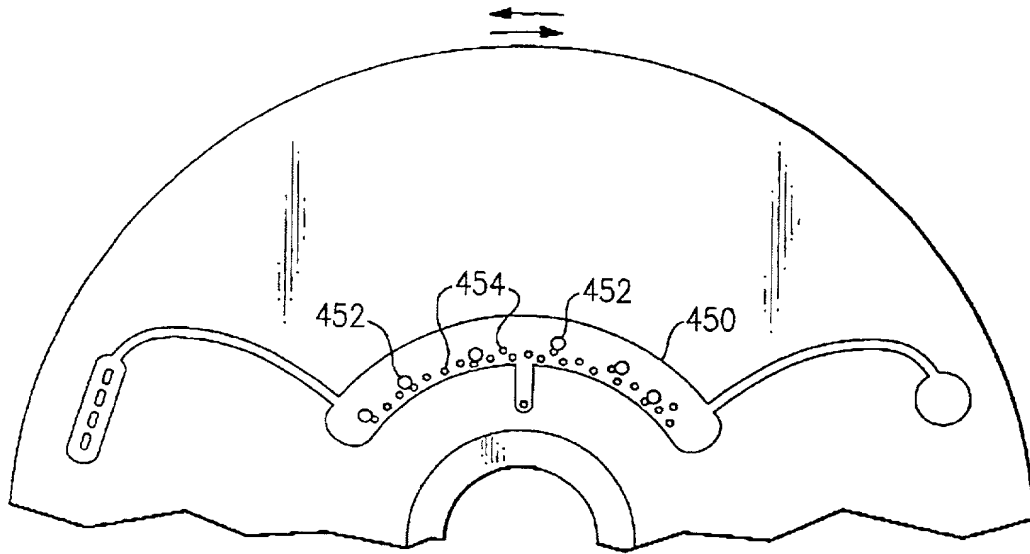


FIG. 25A

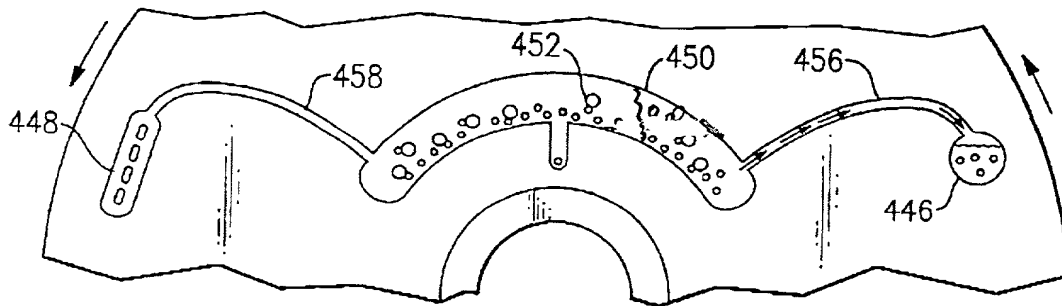


FIG. 25B

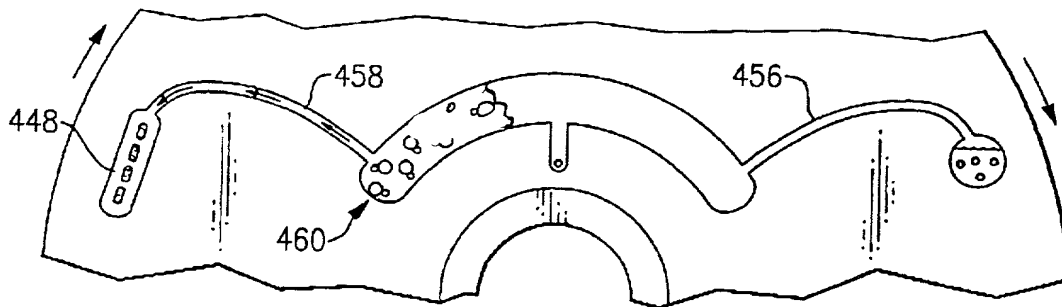


FIG. 25C

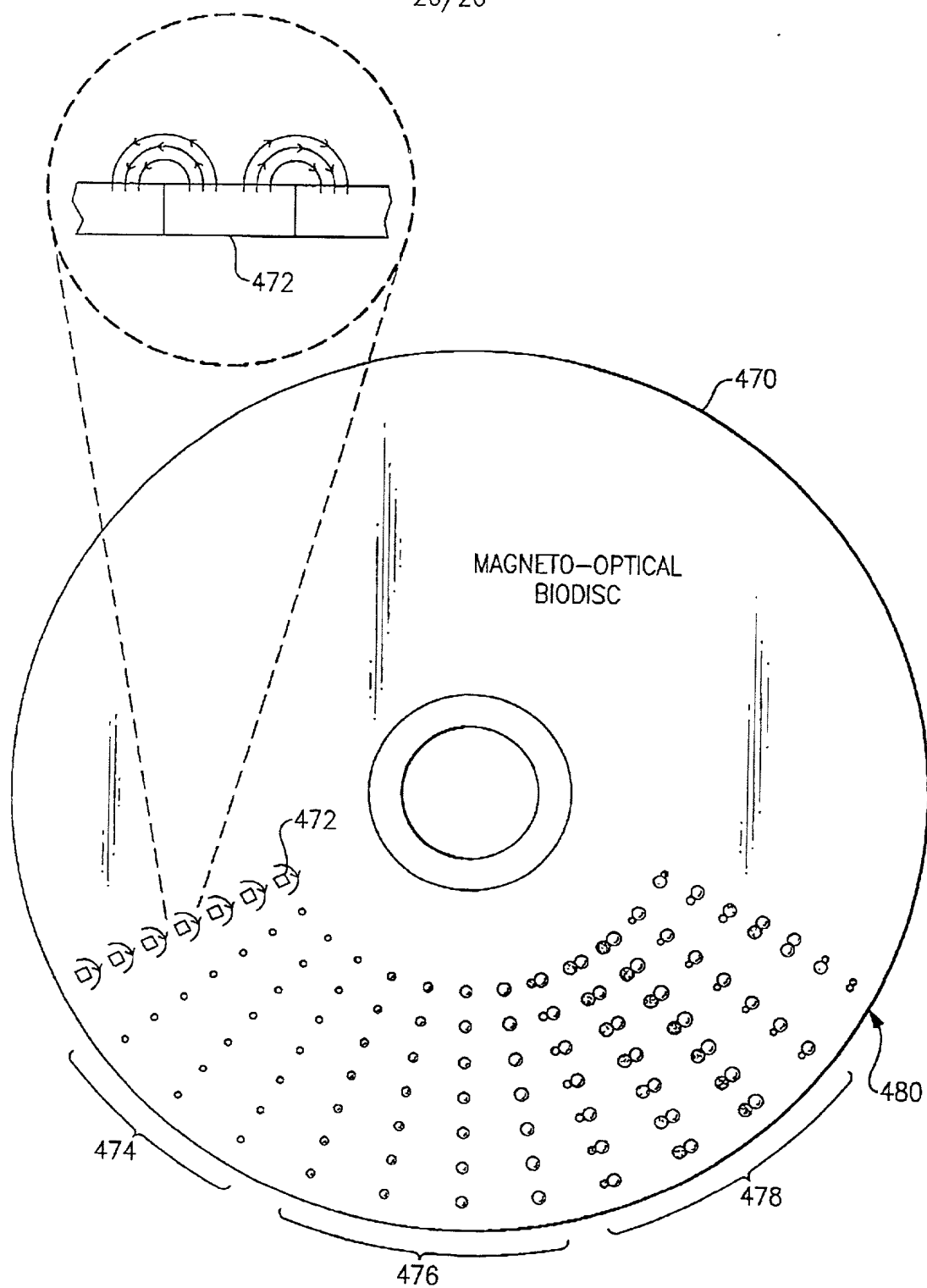


FIG.26